

IN THE CLAIMS

Please replace any previous listing of the claims with the following replacement listing of the claims:

Replacement Listing of the Claims

1. (CURRENTLY AMENDED) A method of source control, comprising:
operating a source control system on a computer that is coupled via a network to a controller that communicates with one or more devices to provide process control;
enabling in said source control system a level of source control from a selection of at least two-a plurality of levels of source control, wherein said plurality of levels comprise a first level and a second level that contains one or more features not contained in said first level; and
automatically or manually setting a version number of an object of said source control system, depending on said enabled level, wherein said object is a control strategy loadable to said controller to provide said process control.
2. (CURRENTLY AMENDED) The method according to claim 1, further comprising:
providing a capability to switch said enabled level of source control to another of said levels of source control.
3. (ORIGINAL) The method according to claim 1, wherein automatically setting said version number is based on a degree of change to said object.
4. (ORIGINAL) The method according to claim 1, further comprising:
storing attributes associated with said object in a database.

5. (CANCELED)

6. (CURRENTLY AMENDED) The method according to claim 1, wherein said at least two~~two~~ plurality of levels of source control comprises are level none, level basic, and level full.

7. (ORIGINAL) The method according to claim 6, wherein for said level none, said method further comprises:

receiving user-entered text for said version number;
setting a created-by name set upon receiving a first save changes request;
setting a modified-by name upon receiving a save changes request;
setting a date-created date upon receiving said first save changes request; and
setting a version date upon receiving said save changes request.

8. (ORIGINAL) The method according to claim 6, wherein for said level basic, said method further comprises:

automatically incrementing said version number upon receiving a save changes request, including a first save changes request;
setting a created-by name upon receiving said first save changes request;
setting a modified-by name upon receiving said save changes request, including a first save changes request;
setting a date-created date upon receiving said first save changes request;
setting a version date upon receiving said save changes request, including a first save changes request; and
displaying said version number.

9. (ORIGINAL) The method according to claim 8, wherein said version number is incremented differently for minor changes than for major changes.

10. (PREVIOUSLY PRESENTED) The method according to claim 6, wherein for said level full, said method further comprises:

- supporting a qualification life cycle model;
- providing a version control system toolbar and menu;
- automatically incrementing said version number upon check-in, including a first check-in wherein said version number is generated;
- displaying said version number;
- setting a created-by name upon said first check-in;
- setting a modified-by name upon said check-in, including said first check-in;
- setting a date-created date upon said check-in, including said first check-in;
- setting a version date upon said check-in;
- receiving a check-in comment; and
- providing a version history and audit trail.

11. (ORIGINAL) The method according to claim 10, wherein said version number is incremented differently for minor changes than for major changes, according to user preferences.

12. (CURRENTLY AMENDED) A process control system, comprising:
a computer comprising a source control system with a selectable level of source control for at least one control strategy is selected from a plurality of levels of source control, wherein said plurality of levels comprise a first level and a second level that contains one or more features not contained in said first level; and
a network coupling said computer to a controller that communicates with one or more devices to provide process control;

wherein said at least one control strategy in said source control system is loadable from said computer to said controller to provide said process control according to said control strategy.

13. (ORIGINAL) The system according to claim 12, further comprising:
a database to store source control information associated with said at least one control strategy, including a version number.
14. (ORIGINAL) The system according to claim 13, wherein said selectable level of source control is no source control and further wherein a version number is entered manually when said at least one control strategy is saved.
15. (ORIGINAL) The system according to claim 13, wherein said selectable level of source control is basic source control and further wherein a version number is automatically incremented when said at least one control strategy is saved.
16. (ORIGINAL) The system according to claim 13, wherein said selectable level of source control is full source control and further wherein a version number is automatically incremented when said at least one control strategy is checked-in.
17. (ORIGINAL) The system according to claim 12, wherein said selectable level of source control is selected from the group consisting of: a preference, a license, an installation configuration, and a user interface.
18. (CURRENTLY AMENDED) A method for providing a source control system for a process control system, comprising:
operating said source control system on a computer that is coupled via a network to a controller that communicates with one or more devices to provide process control;

receiving in said source control system a selection from ~~at least two-a plurality of~~ levels of source control for an object of said source control system; providing a user-enterable version number when said object is stored, if said selection is a first level of said plurality of levels of source control; and providing an automatically incremented version number when said object is stored, if said selection is a second level of said plurality of levels of source control, wherein said object is a control strategy loadable to said controller to provide said process control.

19. (CURRENTLY AMENDED) The method according to claim 18, further comprising:

providing an automatically incremented version number when said object is checked-in, if said selection is a third level of said plurality of levels of source control.

20. (CURRENTLY AMENDED) The method according to claim 18, further comprising:

changing said selection to another of said ~~at least two~~plurality of levels of source control.

21. (ORIGINAL) The method according to claim 18, further comprising:
updating attributes of said object based on said selection.

22. (CURRENTLY AMENDED) A computer readable medium having executable instructions stored thereon to perform a method of providing configurable levels of support for a source control system, said method comprising:

operating said source control system on a computer that is coupled via a network to a controller that communicates with one or more devices to provide process control;

receiving a request for a level of support for at least one control strategy of said source control system;

determining whether a full level of support source control of a plurality of levels of source control is licensed for said at least one control strategy;

determining whether an option for a basic level of support said plurality of levels of source control is selected for said at least one control strategy;

setting said level of support to full, if said full level of support source control is licensed; and

setting said level of support to basic is-if said option is selected, wherein said at least one control strategy is loadable from said computer to said controller to provide said process control according to said at least one control strategy.

23. (ORIGINAL) The computer readable medium according to claim 22, wherein a default for said level of support is none.

24. (CURRENTLY AMENDED) A computer readable medium having executable instructions stored thereon to perform a method of changing configurable levels of support source control for a source control system, said method comprising:

operating said source control system on a computer that is coupled via a network to a controller that communicates with one or more devices to provide process control;

receiving a request from a user to change a level of source control of an object of source control;

determining whether a full level of source control is licensed for said object;

determining whether said request is to change said requested level from a level of source control of none to basic;

determining whether said request is to change said requested level from a level of source control of basic to none;

performing said request when said request is to change said requested level from none to basic or from basic to none to a new level of source control; and

storing a-said new level of source control for said object, which is loadable from said computer to said controller to provide said process control according to said object.

25. (CURRENTLY AMENDED) A computer readable medium having executable instructions stored thereon to perform a method of updating version attributes based on a level of source control, said method comprising:

operating said source control system on a computer that is coupled via a network to a controller that communicates with one or more devices to provide process control;

determining a selected one of a plurality of levels of source control that comprises a basic level and a full level by:

determining whether a-said full level of source control of an object of said source control system is licensed;

determining whether a-said basic level is selected;

receiving a save changes request for said object;

determining whether said object is new;

setting a version number to a first version number, when said object is new;

updating version attributes of said object according to whether said full level is licensed and whether said basic level is selected; and

incrementing said version number, when said object is not new and when said full level is not licensed, ~~Wherein-wherein~~ said object is loadable from said computer to said controller to provide said process control according to said object.